

CLAIMS

We claim:

1. In combination:

a self-propelled irrigation system including an elongated pipeline supported upon a plurality of spaced-apart drive units;

at least one of said drive units including a generally transversely extending base beam having first and second ends;

a first in-line drive assembly pivotally connected to said base beam adjacent said first end thereof;

a second in-line drive assembly pivotally connected to said base beam adjacent said second end thereof;

each of said first and second drive assemblies including:

(a) an elongated support member, having first and second ends, pivotally connected, about a generally horizontal axis which is generally transverse to the longitudinal axis of said base beam, to said base beam adjacent the associated end thereof;

(b) a first driven wheel rotatably mounted on said first elongated support member adjacent said first end thereof;

(c) and a second driven wheel rotatably mounted on said first elongated support member adjacent said second end thereof.

2. The combination of claim 1 wherein said driven wheels are positioned in-line laterally of said base beam and laterally of said elongated support member.

1           3.     The combination of claim 1 wherein each of said first and second drive  
assemblies includes a drive motor and two gearboxes operatively connected to said  
driven wheels.

5           4.     The combination of claim 1 wherein the pivotal connection between said  
elongated support member and said base beam is located beneath said base beam.

          5.     The combination of claim 1 wherein said self-propelled irrigation system  
comprises a center pivot irrigation system.

10          6.     The combination of claim 1 wherein said self-propelled irrigation system  
comprises a lateral move irrigation system.

          7.     The combination of claim 5 wherein said center pivot irrigation system  
includes a corner span.